

What is claimed is:

1. An organic photoconductor comprising a composition of a charge generating layer and a charge transport layer on a conductive base, wherein:

crossing angle $\theta$  of two tangent lines is 70° or more, two tangent lines which border on a curve drawn by plotting integrated values of detected current versus time in measurement of transient photocurrent (TOF measurement), at a field intensity of 10V/ $\mu$ m; and

film thickness of the charge transport layer is 8 to 15 $\mu$ m.

2. The organic photoconductor of claim 1, wherein an electrostatic image is formed by recoding a digital image in resolution of 1200dpi or more.

3. The organic photoconductor of claim 1, wherein a content of a charge transport material in the charge transport layer is about 20 to about 35% by mass.

4. The organic photoconductor of claim 1, wherein the content of charge transport material in the charge transport layer is 20 to 35% by mass.

5. The organic photoconductor of claim 1, further comprising a surface protection layer.

6. The organic photoconductor of claim 1, wherein the film thickness of the charge transport layer is 9 to 14 $\mu$ m.

7. The organic photoconductor of claim 1, comprising an intermediate layer between the charge transport layer and the conductive base.

8. The organic photoconductor of claim 7, wherein volume resistance of the intermediate layer is  $1 \times 10^8 \Omega \cdot \text{cm}$  or more.

9. The organic photoconductor of claim 7, wherein the intermediate layer comprises particles of N type semiconductor.

10. The organic photoconductor of claim 2, comprising an intermediate layer between the charge transport layer and the conductive support, wherein the content of a charge transport material in the charge transport layer is 20 to 35% by mass.

11. An image forming apparatus comprising the organic photoconductor of claim 1, an charging member, an exposure member and a developing member.

12. An image forming apparatus of claim 11, wherein the exposure member exposes light on the organic photoconductor to form an image having resolution of 1200dpi or more.

13. The image forming apparatus of claim 11, wherein the charging member charges the organic photoconductor in charging potential of about -200 to about -400V.

14. The image forming apparatus of claim 11, comprising a photoconductor actuating member capable to drive the organic photoconductor in line speed of 300mm/sec or more.

15. The image forming apparatus of claim 14, wherein the charging member charges the organic photoconductor in charging potential of -200 to -400V.

16. The image forming apparatus of claim 15, wherein the exposure member records a digital image onto the organic photoconductor in resolution of 1200 to 3000dpi.

17. A process cartridge removable to an image forming apparatus comprising the organic photoconductor of claim 1 and at least one of a charging member, an exposure

member, a developing member, a transferring member and a cleaning member.

18. An image forming method comprising:  
charging the organic photoconductor of claim 1,  
exposing of the charged organic photoconductor in  
resolution of 1200dpi or more, and  
developing an electrostatic latent image formed by  
the exposure.

19. The image forming method of claim 18, wherein  
the organic photoconductor is charged in charging potential  
of -200 to -400V.

20. The image forming method of claim 19, comprising  
rotating the organic photoconductor in line speed of  
300mm/sec or more.